

## 2011      400 - Construction

Project	Dept.	General Fund	Riverfront 2000/CC Fund	Grants	Park Dedication Fund	Charter Bonds	G.O Sewer Revenue Bonds	Other	Totals
Phase II Community Athletic Field Complex	CD					382,330			<b>382,330</b>
Sibley Park Building Better Neighborhoods - Phase II	CD							800,000 Sales 75,000 GMHF	<b>875,000</b>
Enterprise Traffic Management System	IT							138,000	<b>138,000</b>
12-Unit T-Hanagar	PW-A			477,500				77,500 Airport Capital Fund	<b>555,000</b>
Alternative Energy Sources WWTP	PW-WW							50,000 WW Fund	<b>50,000</b>
Civic Center Parking Ramp Rehab - Phase II	PW-F		125,000						<b>125,000</b>
Franklin Rogers Restrooms	PW-P	70,000							<b>70,000</b>
Public Works Facility Improvements - Phase II	PW-G	230,000						545,000 CG Cash Reserve \$115K; Utility Funds \$355K; IT Cash Reserve \$75K	<b>775,000</b>
Repair to Highland Park Lighting	PW-P	45,000							<b>45,000</b>
Replace Class 600 Paratransit Bus with Class 600 Paratransit Bus	PW-T			152,800				38,200 Transit Fund	<b>191,000</b>
Sibley Park Improvements Phase III - Sculpture Garden	PW-P				50,000				<b>50,000</b>
Snow Removal Equipment - Blower	PW-A			95,000				5,000 Airport Capital Fund	<b>100,000</b>
Southview Park Equipment	PW-P	30,000							<b>30,000</b>
Stoltzman Road Bike Trail	PW-P			100,000	40,000			60,000 BEC	<b>200,000</b>
Trail Creek Park Phase I of III	PW-P				100,000				<b>100,000</b>
<b>Total</b>		<b>375,000</b>	<b>125,000</b>	<b>825,300</b>	<b>190,000</b>	<b>382,330</b>	<b>-</b>	<b>1,788,700</b>	<b>3,686,330</b>

## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
CONSTRUCTION	PUBLIC WORKS	PHASE II COMMUNITY ATHLETIC FIELD COMPLEX	2011

### ACTIVITIES FOR PHASE III

Concession Building	\$248,350
Lighting	\$133,980

### SOURCES OF FUNDING PHASE II

Charter Bonds	\$382,330
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### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Complete Phase III of development of athletic field complex in connection with new school site on Mankato's East Side. Field complex would focus on youth baseball considering other sports needs are being addressed in other locations in Greater Mankato. Field development would be split into two phases, first phase if field construction with bleachers and fencings.

Concession building and lighting for one field will be completed in Phase III (2011)

**Justification:** Co-location of parks and school sites was implementation tactic of Parks and Open Space Plan and Envision 2020. Field development for youth baseball will allow realignment of Thomas Field to compliment East High School athletics.

**Requirements:** 15-20 acre site.

**Impact:** Provides needed space for youth baseball and other community fields.

**PROJECT HISTORY:** Community Park has been in CIP for last 5 years. Cost and location have varied depending on land availability and demand.

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
CONSTRUCTION	COMMUNITY DEVELOPMENT	SIBLEY PARKWAY BUILDING BETTER NEIGHBORHOODS	2011

### PROJECT COSTS

Assessments - \$225,000

House Construction - \$650,000 (\$130,000/UNIT)

**TOTAL - \$875,000**

### SOURCE OF FUNDS

Sales Proceeds - \$800,000

GMHF - \$75,000

**TOTAL - \$875,000**

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Construction of 15 homes on Outlot H of Sibley Parkway. Homes to be sold to qualifying first time homebuyers that have completed City homeownership program. Greater Minnesota Housing Finance Agency to provide \$15,000 in down payment assistance. Possible utilization of Employer Assistance Program. Second phase in 2011 involves construction and sale of 5 homes.

**Justification:** Provide affordable housing per strategic plan and EDA housing initiatives.

**Requirements:** Acquisition of property from Rehof, construction of infrastructure, construction of homes, and sale to qualifying homebuyers. Buyers will be prequalified and homes presold prior to construction.

**Impact:**

**Planning Commission Comment:**

**PROJECT HISTORY:** This project is layered as part of the Sibley Parkway Redevelopment project and conforms to the goals of lower density housing south of the parkway road.

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
INFORMATION TECHNOLOGY	ENTERPRISE TRAFFIC SIGNAL MANAGEMENT SYSTEM	2011

### **SOURCES OF FUNDING**

General Fund	\$
Riverfront 2000/CC Fund	\$
Grants	\$
Park Dedication Fund	\$
Charter Bond	\$
G.O. Sewer Revenue Bonds	\$
Other	\$
<b>TOTAL</b>	<b>\$138,000.0</b>

### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** Implement an Enterprise Traffic Signal Management System. The City currently manages 42 intersections with traffic signals. This new advanced transportation management system will provide a centralized integrated platform for traffic signal control on the City's network.

**Justification:** Enterprise Traffic Management System will improve efficiency with the control, monitoring, information management, and alerting of the system. This system would be accessible to multiple departments - Public Safety for accidents and other investigative purposes, Public Works could also pull camera feeds to monitor weather conditions, and Engineering for traffic signal management. System features will include interfacing to the City's GIS system for graphical base mapping, signal configuration, centralized event scheduling, traffic detectors, alerts sent via email and text messaging (SMS), and traffic analysis toolsets.

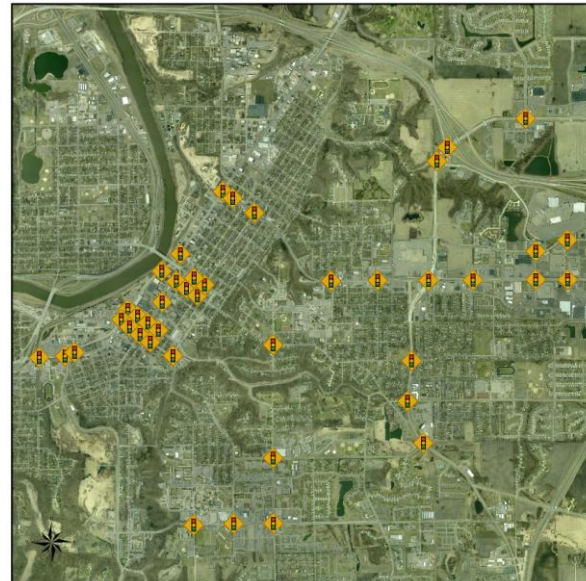
### **Requirements:**

**Impact:** The current system is managed by going onsite to program each controller at each intersection. The first year will consist of purchasing traffic management software and connecting traffic signals downtown and the hilltop area where the City has fiber network connectivity (connecting 36 of the 42 intersections). The 2<sup>nd</sup> year will consist of gaining network connectivity to the other 6 intersections to be integrated on the system.

### **Planning Commission Comment:**

### **PROJECT HISTORY**

### **LOCATION AND RELEVANT GRAPHIC DETAILS**



# CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
AIRPORT	PUBLIC WORKS	12-UNIT T-HANGAR	2011

## SOURCES OF FUNDING

Airport Capital Fund	\$ 77,500
Grants (State – 50%)	\$ 477,500
Total Cost	\$ 555,000

## PROJECT SCHEDULE

Preliminary Estimate	Construction
Original	
Current	
Actual	

## PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

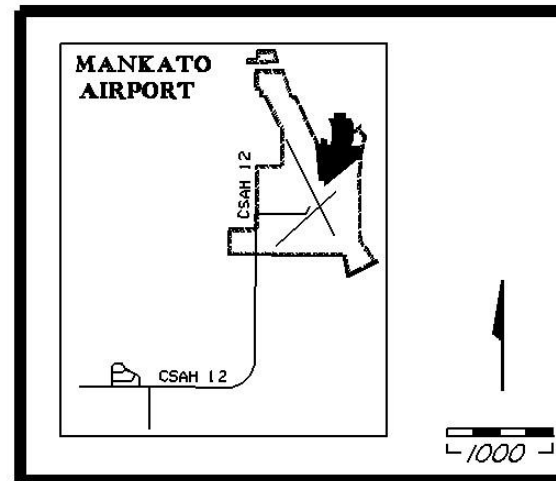
**Project Description:** Construct final 12-unit T-hangar for leased space.

**Project History/Justification:** Staff is projecting that the T-hangars will at or near capacity in the next five years. There is one remaining site for constructing a 12-unit T-hangar. This project is contingent upon receiving state or federal funding.

**Site Requirements:** None

**Impact:** Increase revenue stream for the airport.

**Planning Commission Comment:**



## LOCATION AND RELEVANT GRAPHIC DETAILS

## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
WASTEWATER TREATMENT	PUBLIC WORKS	ALTERNATIVE POWER SOURCES AND TECHNOLOGY EVALUATION STUDY	2011

### SOURCES OF FUNDING

Utility revenue and depreciation funds	\$ 50,000
Total Cost	\$ 50,000

### PROJECT SCHEDULE

Preliminary estimate in 2011

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Evaluate potential power sources within the WWTP; microturbines, biogas etc. as well as alternative blower technologies.

**Justification:** The blowers were installed with the 2000 plant up-grade. These large horsepower blowers consume a great deal of electricity. Increasing energy costs and blower technology improvements can decrease the annual electrical costs with a short pay-back period. There may be alternative, renewable power sources within the WWTP.

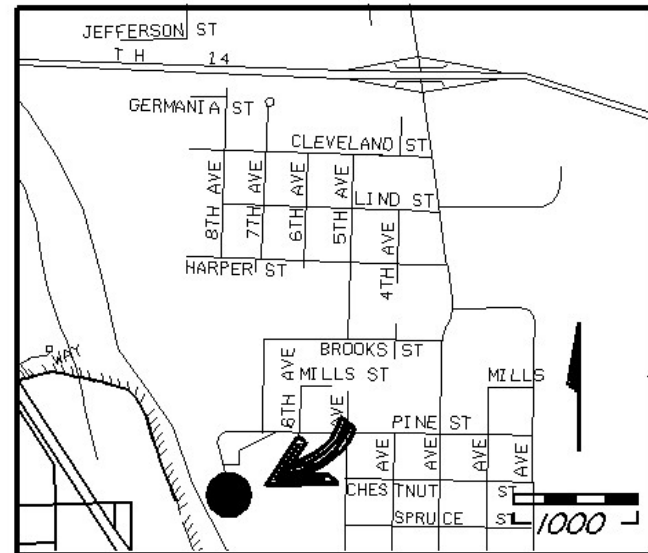
**Requirements:** None

**Impact:** None

**Planning Commission Comment:** None

### PROJECT HISTORY

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	DIVISION	PROJECT TITLE	CONSTRUCTION YEAR
PUBLIC BUILDING & EQUIPMENT	PUBLIC WORKS	CENTRAL GARAGE	CIVIC CENTER PARKING RAMP REHAB – PHASE II	2011

### SOURCES OF FUNDING

Riverfront 2000/CC Fund	\$125,000
<b>TOTAL</b>	<b>\$125,000</b>

### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** The second phase that will seal floors, paint, and coat the Civic Center parking ramp.

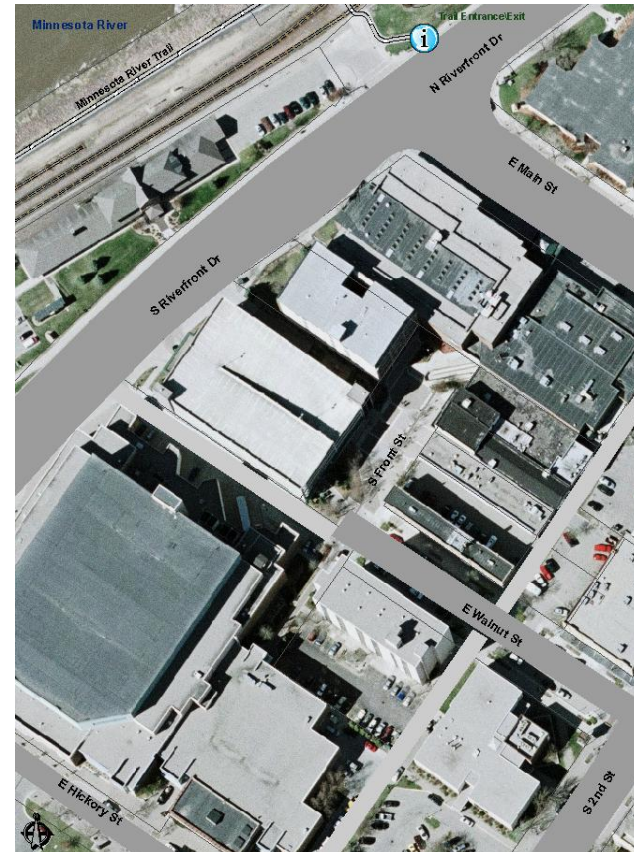
**Justification:** Major capital repair to enhance and preserve the parking structure investment.

**Site Requirements:** None

**Impact:** Part of the concept for the City Center Renaissance appearance and sustainability.

**PROJECT HISTORY:** The Civic Center parking ramp has had on-going basic maintenance. The intent of this project is to continue to protect the integrity of the ramp structurally and aesthetically. Work will also include sealing and preserving concrete spandrels and slab, and suitable caulking, coating and painting. The 1980's structure is sound. A facelift and preservation will continue to maintain the integrity of the ramp and the northwest central business district parking project.

### **LOCATION AND RELEVANT GRAPHIC DETAILS**



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
PARKS AND FORESTRY	PUBLIC WORKS	FRANKLIN ROGERS RESTROOMS	2011

### SOURCES OF FUNDING

General Fund	\$ 70,000
Total Cost	\$ 70,000

### PROJECT SCHEDULE

	Preliminary Estimate	Construction
Original	2009	2011
Current		
Actual		

### LOCATION AND RELEVANT GRAPHIC DETAILS

Franklin Rogers Park

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Add new restrooms to The Franklin Rogers Baseball Complex. Available restrooms are undersized and in need of updating. The restrooms must be supplemented with port-a-potties for Moondog venues. New restrooms could be constructed to meet the high demand during the games. The current restroom could be converted into needed locker rooms for the players.

### Justification:

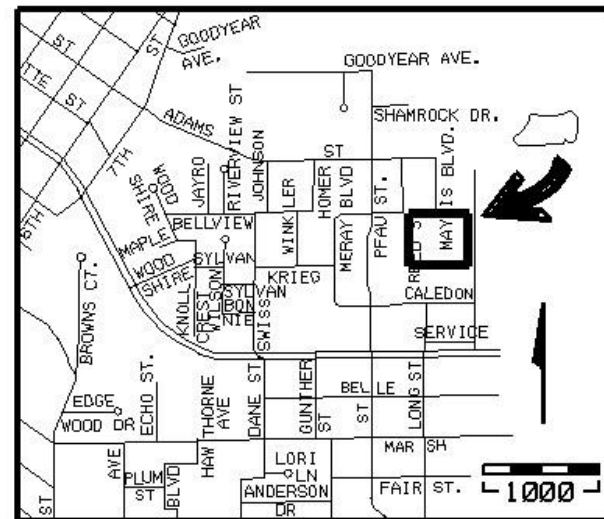
The current dugout height blocks from view the field along the first and third base side limiting the available seating.

### Requirements:

### Impact:

### Planning Commission Comment:

**PROJECT HISTORY:** Franklin Rogers Park is a longtime baseball field that is currently used by a great number of teams for baseball.





## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	DIVISION	PROJECT TITLE	CONSTRUCTION YEAR
PUBLIC BUILDING & EQUIPMENT	PUBLIC WORKS	CENTRAL GARAGE	PUBLIC WORKS FACILITY IMPROVEMENTS, PHASE II	2011

### SOURCES OF FUNDING

General Fund	\$230,000
Central Garage Fund	\$115,000
Utilities Fund	\$355,000
<b>TOTAL</b>	<b>\$700,000</b>

### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** Make necessary alterations to the current MNDOT headquarters building for the Public Works Department. The roof and portions of the HVAC system will be replaced in Phase II

**Justification:** Building updates and improvements necessary to consolidate the Public Works Department into one facility. The roof has a 20-year life cycle and will be 24 years old in 2011 and needs to be replaced. The HVAC system will be reevaluated and upgraded, if necessary to meets the new demands established by changes made during Phase I.

**Site Requirements:** None

**Impact:** All Public Works vehicles and equipment will be at one location after all three phases are completed.

### **PROJECT HISTORY**

### **LOCATION AND RELEVANT GRAPHIC DETAILS**

The current Minnesota Department of Transportation site at 501 S. Victory Drive, Mankato.



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
PARKS AND FORESTRY	PUBLIC WORKS	REPAIR TO HIGHLAND PARK LIGHTING	2011

### SOURCES OF FUNDING

General Fund	\$ 45,000
Total Cost	\$ 45,000

### PROJECT SCHEDULE

Preliminary Estimate    Construction

Original  
Current  
Actual

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** To repair and replace lighting at Highland Park. The existing lighting is on three (3) different feeds and is in need of repair and replacement.

**Justification:** Improved reliability and efficiency.

**Requirements:**

**Impact:**

**Planning Commission Comment:**

### PROJECT HISTORY

### LOCATION AND RELEVANT GRAPHIC DETAILS

Highland Park



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
PUBLIC BUILDINGS & EQUIPMENT	PUBLIC WORKS	TRANSIT BUS - REPLACE CLASS 600 MEDIUM DUTY BUS WITH CLASS 600 MEDIUM DUTY BUS	2011

### **SOURCES OF FUNDING**

Mass Transit Fund	\$ 32,800
State Grants	\$152,800
Total Cost	\$191,000

### **LOCATION AND RELEVANT GRAPHIC DETAILS**

### **PROJECT SCHEDULE**    Preliminary Estimate    Construction

Original  
Current  
Actual

### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** This is a scheduled replacement of a class 600 Orion II paratransit bus (Mobility Bus). Bus 816 is 26 ft. long and is considered a medium duty bus. This vehicle is scheduled for replacement due to mileage, years of service and anticipated maintenance costs.

**Project History/Justification:** Bus 816 will have been in service for 24 years and will be looking at steep increases in both preventative maintenance and repair costs. Additionally, this vehicle will have an estimated mileage reading of 260,863 miles.

Site Requirement: None

**Impact:** Maintain a reliable paratransit fleet for our disabled citizens and reduce maintenance / repair costs.

### **Planning Commission Comment:**

## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
PARKS & FORESTRY	PUBLIC WORKS	SIBLEY PARK IMPROVEMENTS – PHASE III	2011

### **SOURCES OF FUNDING**

Park Dedication Fund	\$ 50,000
TOTAL:	\$ 50,000

### **PROJECT SCHEDULE**

Preliminary Estimate

Construction

Original

Current

Actual

### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** To improve park areas of Sibley Park to include the installation of a children's sculpture garden.

**Justification:** Sibley Park overall improvements five (5) year plan – 3<sup>RD</sup> year.

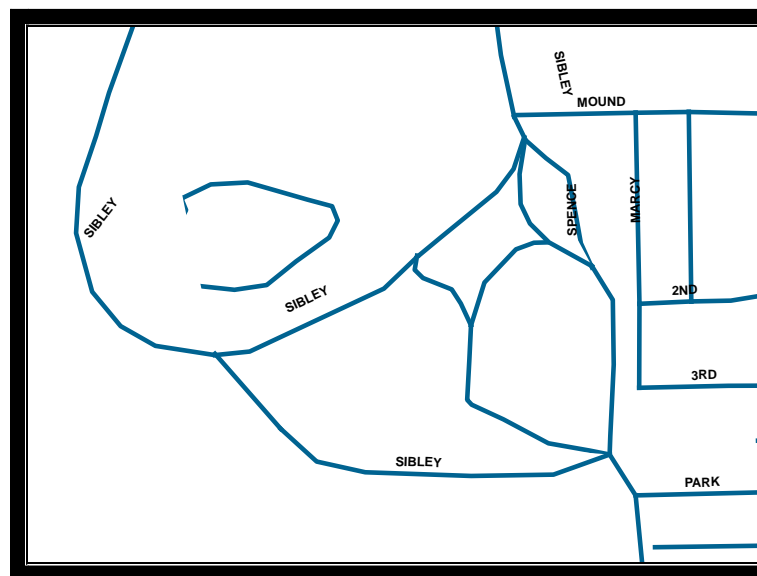
**Site Requirement:**

**Planning Commission Comment:**

### **PROJECT HISTORY**

### **LOCATION AND RELEVANT GRAPHIC DETAILS**

Sibley Park Southside



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
AIRPORT	PUBLIC WORKS	SNOW REMOVAL EQUIPMENT - BLOWER	2011

### SOURCES OF FUNDING

Airport Capital Fund	\$ 5,000
Grants (Federal)	<u>\$ 95,000</u>
Total Cost	\$ 100,000

### PROJECT SCHEDULE      Preliminary Estimate      Construction

Original  
Current  
Actual

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Purchase used snow blower.

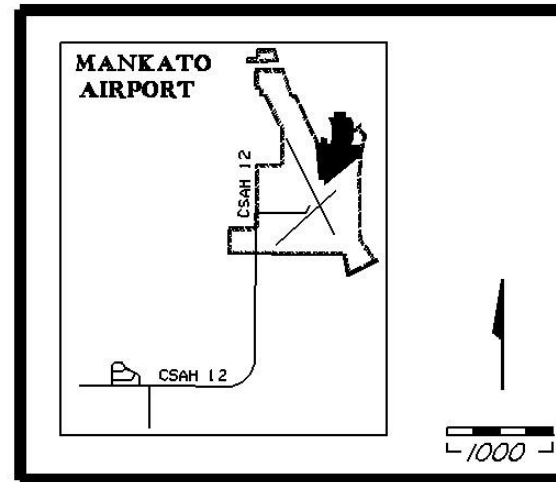
**Project History/Justification:** The blower can be used to move large quantities of snow around the hangers, terminal, and tarmac as required. The airport currently has a snow broom and plow truck in the inventory for massive snow removal operations. Larger equipment is needed to support the increased size of the airfield and small personnel numbers.

**Site Requirements:** None

**Impact:** Improve snow removal operations.

**Planning Commission Comment:**

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
PARKS AND FORESTRY	PUBLIC WORKS	SOUTHVIEW PARK EQUIPMENT	2011

### **SOURCES OF FUNDING**

General Fund	\$ 33,000
Total Cost	\$ 33,000

### **PROJECT SCHEDULE**

Preliminary Estimate    Construction

Original  
Current  
Actual

### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** This project is to replace the playground at Southview Park with the installation of a new playground to better serve the neighborhoods play needs.

**Justification:** The playground was installed in the 1970s and has had parts of the original playground removed due to repeated vandalism. The playground is out of date and has limited play value. The playground needs to be replaced.

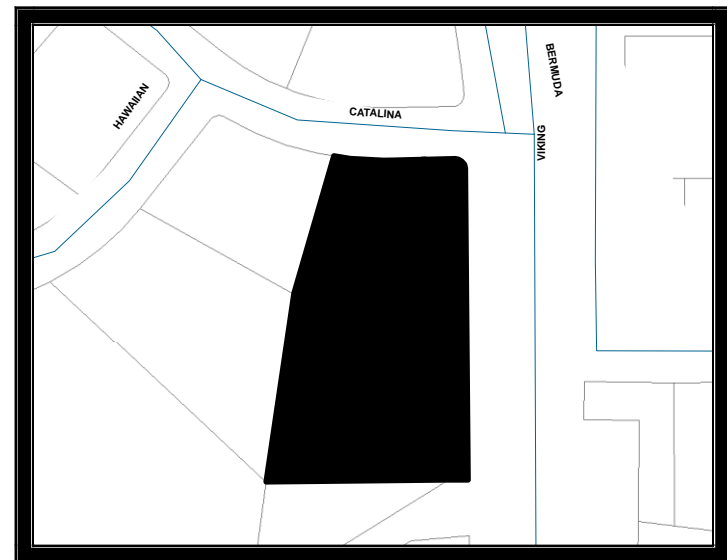
### **Requirements:**

### **Impact:**

**Planning Commission Comment:** None (2008)

### **PROJECT HISTORY**

### **LOCATION AND RELEVANT GRAPHIC DETAILS**



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
PARKS AND OPEN SPACE	PUBLIC WORKS	STOLTZMAN ROAD BIKE TRAIL	2011

### SOURCES OF FUNDING

State Grants	\$ 100,000
Park Dedication Fund	\$ 40,000
Blue Earth County	\$ 60,000
<b>TOTAL:</b>	<b>\$ 200,000</b>

### PROJECT SCHEDULE    Preliminary Estimate    Construction

Original  
Current  
Actual

Site Requirements: None

Impact:

Planning Commission Comment:

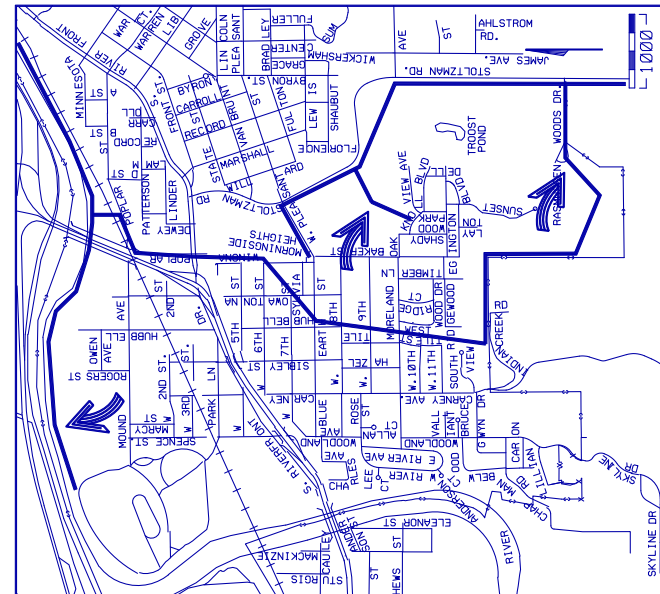
### PROJECT HISTORY

### LOCATION AND RELEVANT GRAPHIC DETAILS

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** The project includes a bituminous multi-use trail to be constructed along Stoltzman Road to serve as a link to the West Kato Trail/Red Jacket Trail and to the trail proposed along County CSA Highway 16 to the south to the existing trail at County Highway 90. The trail will also provide improved access to Rasmussen Woods and the BMX Park.

**Project History/Justification:** The proposed trail supports the ideas of the *Park and Open Space Plan* well by providing public access to significant community resources like Rasmussen Woods and the Red Jacket Trail and, looking ahead to the Stoltzman Road/County Road 16 trail proposed for 2004. The community has also clearly stated that trails are an important element for recreation and have reacted well to similar existing projects in Mankato. The conjunction with the Stoltzman Road improvements. Annual maintenance will include litter/trash clean up, trail maintenance and snow removal if year round use is desired.



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

CATEGORY	DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
PARKS & FORESTRY	PUBLIC WORKS	TRAIL CREEK PARK PHASE I OF III	2011

### SOURCES OF FUNDING

Park Dedication Funds	\$ 100,000
TOTAL:	\$ 100,000

### PROJECT SCHEDULE Preliminary Estimate      Construction

Original  
Current  
Actual

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** This park area will serve residential developments that are bordered by Highway 22 – County Rd 3 and County Rd 12. The land is directly adjacent to Sakatah Singing Hills Trail. As future development occurs the park may be increased to 5 – 10 acres. The park may include restroom shelter, play equipment and court activities. The project will be spread over three phases covering three years. Total project cost estimate is \$350,000.

**Justification:** This area has the potential for growth. Mini neighborhood and neighborhood parks that are centrally located within boundaries such as roadways or physical obstacles are identified in the Park and Open Space Plan as a need.

**Site Requirements:** None

**Planning Commission Comment:** None (2008)

### LOCATION AND RELEVANT GRAPHIC DETAILS

